



AMRITESH KUMAR SHARMA
B.Tech (Mechanical Engineer)

CONTACT DETAILS:

Present Address:- D-502, Koyali,
Vadodara, Gujarat, 391330

Cell: +91-9712620466,
+91-7667613061

E-mail:
amritheshkr1993@gmail.com

Date of Birth : 15 Jan 1993
Sex : Male

Nationality : Indian
Marital Status : Married

PERMANENT ADDRESS:

VPO- Bahadurpur Bazar, P.S-Jamo,
Block-Barharia, Distt.-Siwan,
Bihar- 841232

LANGAUGE:

English, Hindi

PROFESSIONAL EXPERIENCE:

1 Presently I am working in Farmson Pharmaceutical Gujarat Pvt. Ltd. (**THERMAX Ltd.**) Vadodara site at 3.5 MW back pressure Siemens Turbine, 30 TPH AFBC Bi-drum water tube Boiler of working pressure 67 kg/cm² and Temperature 495°C, 40m³ DM plant, (150x6) CFM Air Compressor and (250X4) TR Cooling Tower.

Designation- Site In-charge
Duration- Dec 2021 to till now

CAREER OBJECTIVE:

Utilizing every opportunity to strengthen the career with technical skills and hard working for the growth of organization as well as the career with innovation idea.

EXPERIENCE:

8 Yrs. (Operation & Maintenance, Utilities)

SKILL HIGHLIGHTS:

- ☐ Steam Turbine, AFBC(Coal & Rice Husk Fired), Traveling Grate Boiler and Thermic Fluid Heater O&M
- ☐ Erection & commissioning of the plant.
- ☐ Fuel and Ash handling system O&M
- ☐ DM, RO & STP/ETP operation
- ☐ Alignments of pump, fan & motor and other equipment's
- ☐ Maintaining ISO documents and quality standards
- ☐ Managing Repair & Maintenance (R&M) cost budgets.
- ☐ Operation & maintenance of Condensate Recovery Pump
- ☐ Spare parts planning & Inventory control.
- ☐ Operation & maintenance of Steam traps
- ☐ Operation & maintenance of ESP
- ☐ Utility operation-compressor, cooling tower, Chiller O&M
- ☐ Well organized and easy meeting deadlines
- ☐ Monitoring monthly KPI's of equipment efficiency & downtime
- ☐ Maintaining environment complies (GPCB) & HR complies
- ☐ Managing IBR works
- ☐ Ability to handle the project
- ☐ Operation & Maintenance of Biogas system

TRAINING & CERTIFICATIONS:

- ☐ 6-week industrial training in Heavy Engineering Corporation Ltd in FFP, Maintenance department from June to Jul 2012.

Responsibilities:

- For round the clock O&M activates/control on manpower/ coordination with other dept.
- Involved in equipment erection & commissioning of (**Steam Turbine, Boiler, RO/DM plant, CHP, AHP, ESP**).
- Monitoring day to day activities/log sheets/ documentation/ coordinate with client.
- Planning of predictive/ preventive/ shutdown/ breakdown maintenance work.
- Daily tracking, documenting of PM schedule.
- Maintaining equipment healthiness, safe handling of material and minimize losses, follow SOPs.
- Preparing of daily progress report, weekly report & monthly report.
- Maintaining daily MIS report.
- Shutdown planning and implementation & handling shutdown activities.
- RCA of failure equipment's.
- Daily water testing and analysis for different parameters.
- Daily fuel testing and analysis from Digital Bomb Calorimeter.
- Proactive approach to avoid plant upset and critical situation.
- Maintaining standards such as ISO 9001/14001/45001, responsible care, Kaizen, 5s on site.

2 Worked in M/s **Gujarat Credo Alumina Chemicals Pvt. Ltd., Mundra, Gujarat** at 30 TPH AFBC Bi-drum Boiler of working pressure 11.25 kg/cm² and Temperature 185°C, 14m³ RO Plant, Cooling Tower, 800 CFM Compressor, Gear Boxes, Agitator, Pump & Motors, Hammer Crusher, Belt Conveyor, Ash Handling Plant, Fans, ESP and 2 KLD Sewage Treatment Plant/Water Treatment Plant for Operation & Maintenance.

Designation- Area In-charge

Duration- May 2019 to Nov 2021

Responsibilities:

- Boiler, RO plant, CHP, AHP, ESP & STP/WTP operation & maintenance, hot & cold startup of Boiler.
- Involved in equipment erection & commissioning of (**Boiler, RO plant, CHP, AHP, ESP & STP/WTP**).
- Involved in equipment erection & commissioning of (**Product collector hopper, Spin dryer, hopper, Chimney, Condensed tank and Pump, Air rotary blower, ID blower, Vibrating Screen, Magnetic Separator, etc.**), Conveyor system.
- Planning the jobs and allocation of manpower, equipment arrangement as per the work and to sign the work permit as issuer/receiver when required.
- Handle emergency situation of DCS operation confidently & continuously monitoring and controlling parameters of plant from control room/DCS panel and field visit.
- Performing the functions of troubleshooting and breakdown / preventive / corrective maintenance for reduce downtime to minimum.
- Documentation (MTTR, MTBF).
- Attend daily meeting, day to day progress and find out the solutions for improving the conditions of equipment.
- Preparing of daily progress report, weekly report & monthly report and submitted to my boss.
- Planning of maintenance consumable and spares.
- Spares parts maintenance and proper inventory management.
- Shutdown planning and implementation & handling shutdown activities.
- RCA (Root causes Analysis) of failure of equipment's.

- Coordinating with the production team in case of downtime/ breakdown for restoring the equipment's availability.
- Safety PPEs use according to best safety practices and to identify and eliminate the unsafe acts/ conditions in the plant.
- Troubleshooting the operation & maintenance of Boiler, STP/WTP.

3 Worked in M/s **Gujarat Ambuja Export Ltd. Unit-2, Sitarganj, Uttarakhand** at 6MW back pressure steam turbine (Triveni), 35 TPH (ISGEC Heavy Engineering Ltd.) AFBC water tube Boiler of working pressure 66 kg/cm² and temperature 492°C.

Designation- Shift In-charge

Duration- Dec 2017 to April 2019

Responsibilities:

- STG, Boiler, RO plant, CHP, AHP, ESP operation & maintenance, hot & cold startup of Boiler.
- Involved in equipment erection and commissioning of **(Boiler, CHP, AHP, ESP)**
- Involved in equipment erection and commissioning of **(Boiler, CHP, AHP, ESP)**
- Regular discussion with team members (giving & taking feedback) for the day to day problem and find out the solutions for improving the conditions of equipment.
- Preparing of daily progress report.
- Planning of maintenance consumable and spares.
- Plant Housekeeping.

4 Worked in M/s **IFFCO, Kandla, Gujarat** with TECH-D at 14 TPH AFBC water & Fire tube Boiler of working pressure 12 kg/cm² and temperature 180°C and 6 Direct & 2 Indirect HAG (Hot Air Generator) 5 million Kcal X 8 units maker Thermotech System Engineering for Operation.

Designation- DCS Engineer

Duration- Oct 2015 to Nov 2017

5 Worked in M/s **Indorama Ventures Ltd., Panipat, Haryana** with TECH-D at 80 Lakh Kcal/Hr X 3 units of thermic fluid coal fired AFBC heater with 3X2 TPH unit of W.H.R. Boiler of working pressure 17 kg/cm² and temperature 345°C of maker Thermax.

Designation- Training Engineer

Duration- Apr 2015 to Oct 2015

TECHNICAL ACHIEVEMENTS:

- Installing the equipment with proper verification of GA drawings, Layout & P&IDs like Gear boxes, Valve, Pump & motor, Fan, Belt conveyor system, Vibrating screen, Hammer Crusher, Steam Traps, Boiler Tube & Sleeves & Conveyor pulleys and other mechanical related drawings.
- Proper alignment of Fan, couplings, bearings through dual indicator.
- Modification in coal bunker for regularly coming of coal by providing 2" line at chute for poking.
- Making a pattern for ash handling system so there will be minimum load on compressor and chocking of purge line.
- Modification in manual damper of flue gas duct so that in case of failure they will remain open.
- Modification carried out in Boiler Bed coil tubes to enhance tube life.
- Modified of chemical de-scaling line of RO plant.

COMPUTER PROFICIENCY:

- Knowledge and working experience of - MS office, MS Excel, Word, Power Point, Internet & Email applications.

EDUCATIONAL QUALIFICATION:

- B.Tech (Mechanical Engineering) from Universal Institute of Engineering & Technology (Punjab Technical University), Punjab (2010-2014) - 71.47
- First class in Intermediate
- First class in 10th

PROJECT REPORT:

- Design the “Steam Car” that’s can fold to accommodate to less space.

INTEREST & ACTIVITIES:

- Singing a song, Reading books

NOTICE PERIOD:

- 1 month (Negotiable up to 20 days)

PASSPORT DETAILS:

Passport No. - **M0698684**
Date of Expiry - 10-08-2024
Place of Issue - Patna

DECLARATION:

I hereby certify that the information provided by me is true to the best of my knowledge.

Place:

Date :

AMRITESH KUMAR SHARMA

